

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,858,395 B2
DATED : February 22, 2005
INVENTOR(S) : Kaufman

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, Item [54] and Column 1, line 1,

Title, insert a comma -- , -- between “**DIAGNOSTICS**” and “**ASSAY**”;

Title page,

Item [56], **References Cited**, OTHER PUBLICATIONS,

“Monaco, A.P. et al.,” reference, delete “1996” and replace with -- 1986 --.

Column 2,

Line 50, insert a period -- . -- between “splicing” and “ β 1A”.

Line 59, delete “myopathics” and replace with -- myopathies --.

Column 3,

Line 55, delete “2 3-fold” and replace with -- 2.3-fold --.

Column 4,

Line 5, delete “through need,” and replace with -- though needed, --.

Column 7,

Line 22, delete “(mcW+1 and mouse +is mdx.” and replace with -- (mcW+) and mouse 4 is *mdx*. --.

Column 8,

Line 55, delete “reasonable” and replace with -- responsible --.

Column 9,

Line 20, delete “transfenic” and replace with -- transgenic --.

Line 40, delete “ATTH” and replace with -- AATII --.

Column 10,

Line 9, delete “stranger” and replace with -- stronger --.

Line 13, delete “contained” and replace with -- compared --.

Column 11,

Line 6, delete “stablizers” and replace with -- stabilizes --.

Line 15, delete “cosin” and replace with -- eosin --.

Column 13,

Line 17, delete “Similarity,” and replace with -- Similarly --.

Line 24, delete “invention” and replace with -- inventor --.

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Column 14,

Line 14, delete "myvotendinous" and replace with -- myotendinous --.
Lines 26-27, delete "contributors" and replace with -- contributes --.
Line 61, delete "([Ca²⁺])i)" and replace with -- ([Ca²⁺])i) --.
Line 65, delete "Ca²⁺-" and replace with -- Ca²⁺- --.
Line 66, delete "[Ca²⁺]i)" and replace with -- [Ca²⁺]i) --.

Column 15,

Line 4, delete "[Ca²⁺-]i)" and replace with -- [Ca²⁺-]i) --.
Line 5, "Ca²⁺-" and replace with -- Ca²⁺- --.
Line 8, delete "charges" and replace with -- changes --.
Line 16, delete "C-Raf-1)/mitogen-activated" and replace with -- c-Raf-1/mitogen-activated --.

Column 16,

Line 1, insert a colon -- : -- between "assays" and "radioactive".

Column 17,

Lines 10 and 17, delete "α7B" and replace with -- α7β --.

Column 18,

Line 20, delete "α7⊕1" and replace with -- α7β1 --.

Column 20,

Line 30, delete "1 200" and replace with -- 1:200 --.

Column 22,

Line 30, delete "α7Aα7B" and replace with -- α7A/α7B --.
Line 32, delete "5'-GAACAGCACCTTTCTGAGG-3' " and replace with -- 5'-GAACAGCACCTTTCTGGAGG-3' --.
Header of Table 1, delete "Map of α7 Integrin Promoter" and replace with -- Map of α7 Integrin Promoter --.

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Column 23.

Line 3 of DNA sequence, delete

“GGAAGGAGGTAGGACACTTATTGGAATTTTAAGAAAGGGAAAGAGAAGAA
AGAATCGTAAGAA” and replace with
-- GGAAGGAGGTAGGACACTTATTGGAACTTTAAAGAAAGGGAAAGAGAAG
AAAGAATCGTAAGAA --.

Line 6 of DNA sequence, delete

“GAGAGAGAAGGGAAGATGGACAGATGTATATTCACAAGACCAACACCAGT
AAGCAAGGGGACT” and replace with
-- GAGAGAGAAGGGAAGATGGACAGATGTATATTCACAAGACCAACACCA
GTAAGCAAGGGGAGT --.

Column 24.

Line 60, delete “herein. an” and replace with -- herein, an --.

Column 25.

Line 18, delete “RP11-6445F BAC” and replace with -- RP11-6445F. This BAC --.

Line 41, delete “from 5.8, and 10 week old” and replace with -- from 5, 8, and 10 week
old --.

Column 32.

Lines 56-58, in step (b), delete “a transcription product of an α 7A integrin gene using
hybridization or reverse transcriptase polymerase chain reaction or”.

Lines 61 and 63, in step (c), delete “transcription or” before “translation”.

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Column 33,

Lines 1 and 2, in step (d), delete "transcription or" before "translation".

Lines 4-5, delete "normal individual." and replace with -- normal individual; --.

Line 6, insert -- (e) detecting a translation product of a laminin gene using a detectable laminin-specific antibody, whereby scapuloperoneal muscular dystrophy is diagnosed when laminin expression is normal and $\alpha 7A$ integrin expression is reduced in the muscle tissue sample. --.

Signed and Sealed this

Sixteenth Day of May, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office